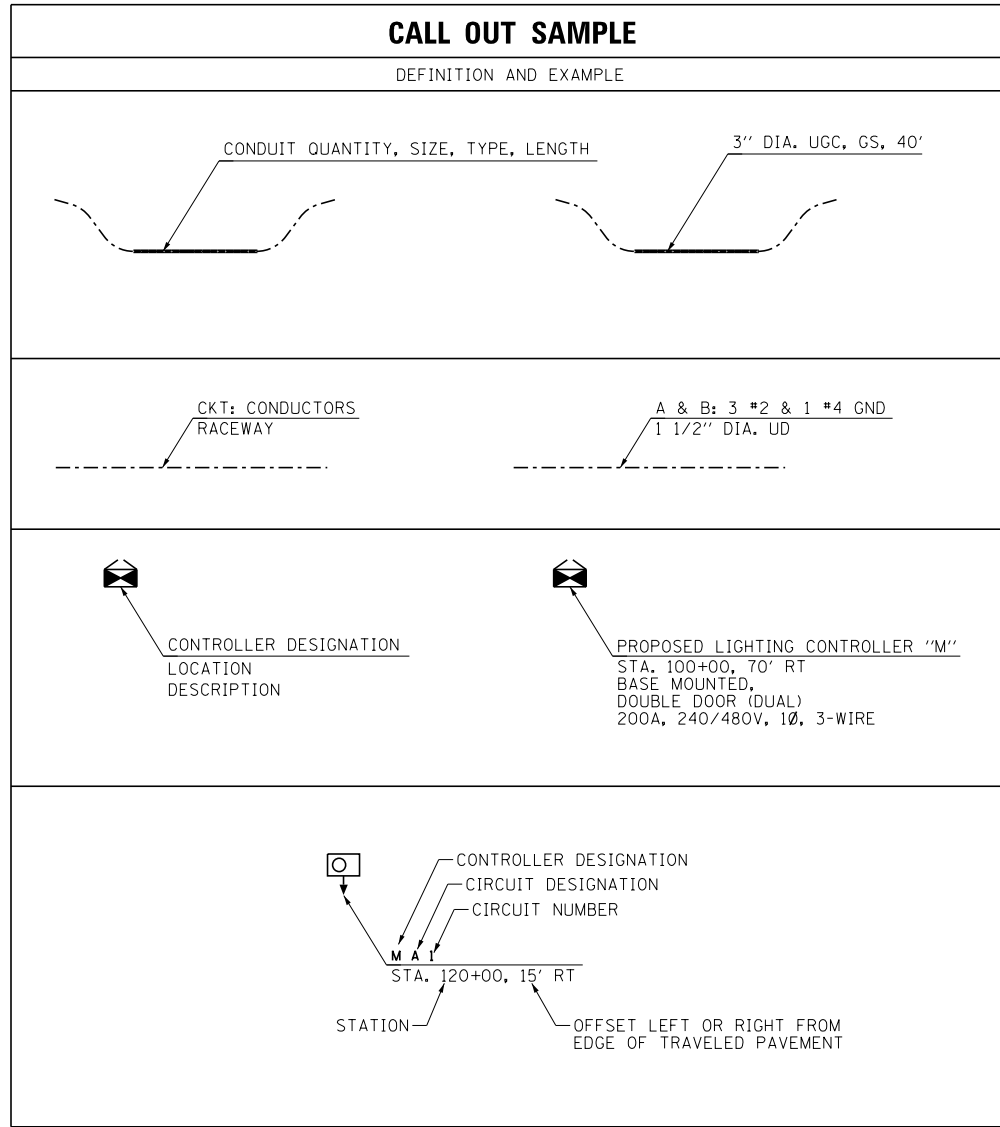


LIGHTING AND ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	EXISTING HIGH MAST LIGHTING TOWER UNIT 750W HPS LUMINAIRES, ARROWS INDICATE QUANTITY AND ORIENTATION OF LUMINAIRES
	EXISTING UNDERPASS LUMINAIRE TO BE REMOVED
	EXISTING BASE MOUNTED LIGHTING CONTROLLER
	EXISTING UTILITY SERVICE CONNECTION, POLE MOUNTED
	EXISTING ELECTRIC UTILITY POLE
	EXISTING JUNCTION BOX
	EXISTING JUNCTION BOX TO BE REMOVED
	EXISTING CONDUIT TO BE REMOVED
	EXISTING CONDUIT TO REMAIN
	EXISTING LIGHT POLE
	EXISTING SIGN LIGHTING
	EXISTING SIGN LIGHTING TO BE REMOVED
	PROPOSED UNDERPASS LUMINAIRE, PIER MOUNT, 100W HPS TYPE M-C-IV
	PROPOSED JUNCTION BOX, SIZE AND TYPE AS NOTED
	PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
	PROPOSED CABLE OR UNIT DUCT IN EXPOSED OR EMBEDDED CONDUIT, SIZE AND TYPE AS NOTED
	PROPOSED CABLE OR UNIT DUCT IN UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED
	ELECTRIC GROUND ROD



ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
AC	ALTERNATING CABLE
A/C	AERIAL CABLE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
FT	FEET OR FOOT
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
M	METER
MA	MAST ARM
MC	MULTI-CONDUCTOR
MM	MILLIMETER
M.H.	MOUNTING HEIGHT
MW	MESSANGER WIRE
NO. #	NUMBER
N.T.S.	NOT TO SCALE
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVC	POLYVINYL CHLORIDE
PVCC RGC	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O)
RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
RECP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
SEL SW	SELECTOR SWITCH
SS	STAINLESS STEEL
STA.	STATION
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
UGC, GS	UNDERGROUND CONDUIT, GALVANIZED STEEL
WP	WOOD POLE
XFMR	TRANSFORMER
HPS	HIGH PRESSURE SODIUM
LPS	LOW PRESSURE SODIUM
LTFN	LIQUID TIGHT FLEXIBLE NON-METALLIC

INDEX OF DRAWINGS:

DRAWING NO.	TITLE
1	LEGEND, ABBREVIATIONS, GENERAL NOTES & INDEX OF DRAWINGS
2	SCHEDULE OF QUANTITIES
3	EXISTING UNDERDECK LIGHTING REMOVAL PLAN
4	PROPOSED UNDERDECK LIGHTING S.B. IL171 OVER I-55
5	LIGHTING CONTROLLER "M" WIRING DIAGRAM
6	LIGHTING CONTROLLER "N" WIRING DIAGRAM
7	CONDUIT TRANSITION DETAILS

IDOT-D1 STANDARDS:

DRAWING NO.	STANDARD NO.	TITLE
8	BE-702	MISCELLANEOUS ELECTRICAL DETAILS SHEET A
9	BE-703	MISCELLANEOUS ELECTRICAL DETAILS SHEET B
10	BE-902	PIER/ABUTMENT MOUNTED UNDERPASS LUMINAIRE INSTALLATION DETAILS

GENERAL NOTES:

- ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS, AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2012, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
- CONTRACTOR SHALL INSTALL CONDUIT EXPANSION/DEFLECTION COUPLING AT STRUCTURE JOINTS AS NEEDED PER IDOT-D1 STANDARD DRAWING NO. BE-703 AT NO ADDITIONAL COST.
- CABLE IN CONDUIT OR UNIT DUCT MARKED TO BE ABANDONED SHALL BE REMOVED. COST OF CABLE REMOVAL SHALL BE INCLUDED IN "REMOVAL OF LIGHTING UNIT, NO SALVAGE." THE CONTRACTOR SHALL CALL NEIL THAKKAR AT (708) 524-2145 TO TRANSFER THE MAINTENANCE PRIOR TO ANY WORK PERFORMED ON LIGHTING.
- THE CONTRACTOR SHALL TAKE CONTROL AND MAINTAIN CIRCUITS "O" AND "P" ON CONTROLLER "M". SEE SPECIAL PROVISION FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL TAKE CONTROL AND MAINTAIN CIRCUITS "K" AND "L" ON CONTROLLER "N". SEE SPECIAL PROVISION FOR ADDITIONAL INFORMATION.